

Mechanism of Certain Metabolic Functions of Insulin,  
by M. F. Gulyi, R. G. Degtyar', G. Kh. Matsuka, 4 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXL, No 6, 1961,  
pp 1448-1451.

AIBS

Sci

Mar 62

189,211

Changes in the Properties of Proteins During  
Their Mutual Reactions, by M. F. Gulji, L. T.  
Litvinenko, P. D. Dvornikova, 3 pp.

RUSSIAN, part, Dok Ak Nauk SSSR, Vol XXXIX,  
No 2, 1959, p 451-.

Amer Inst of Biol Sci

118,977

Sci

Jun 60

(IN-6501)  
2

The Brain and Electronic Machines, by  
P. I. Gulyayev, 44 pp.

RUSSIAN, bk, Mozg i Elektronnaya Mashina,  
1960, pp 3-47.

JPRS 9992 167,790

Sci - Med  
Sep 61

The Structure of the Solar Atmosphere in Active  
and Undisturbed Regions. Ionization of Hydrogen  
and Helium, by R. A. Gulyayev, K. I. Nikol'skaya, 10 p

RUSSIAN, per, Astron Zhur, Vol XL, No 3, 1963,  
pp 433-445.

Amer Inst of Phys  
Sov Astron - AJ  
Vol VI, No 2

Sci  
Apr 64

254,297

Ionization and Excitation of Hydrogen. I. Elementary  
Processes for the Upper Levels, by G. S. Ivanov-  
Kholodnyy, G. M. Nikol'skiy, R. A. Gulyayev, 12 pp.

RUSSIAN, per, Astron Zhur, Vol XXXVII, No 5, 1960,  
pp 799-811.

AIP  
Sov Astron - AJ  
Vol IV, No 5

Sci

158, 194

Jun 61

On the Theory of Collision Recombination in Semi-conductors, by V. L. Bonch-Bruyevich, Yu. V. Gulyayev  
8 pp.

RUSSIAN, per, Fiz Tverdogo Tela, Vol II, No 3,  
1960, pp 463-473.

ADP  
Box Phys-Solid State

Sci

Feb 61

138, 503

Biosynthesis of Protein, by M. F. Gulyy.

RUSSIAN,

FTD-TT-63-1219

Sci  
Dec 64

270,257

The Mechanism and Enzymes of Acetyl Phosphate  
Formation in the Course of Conversion of Citric  
Acid to Animal Tissues, by M. F. Gulyy,  
T. M. Pechanova, et al.  
RUSSIAN, put, Dok Ak Nauk SSSR, No 6, Vol CLIX,  
1964, pp 1415-1418. 9220484  
UCRL Tr 125213

*Gulyy, M. F.*

Sci - B/M  
Jan 66

294,419



14  
Cuba Demonstrated That There Exist No  
Economical-Social Boundaries in Culture,  
by Mario Mainada, Jose Gabiri (Juma), 5 pp.  
SPANISH, np, Revolucion, Vol VIII, No 2,645,  
12 Aug 1964, p 3.  
JPRS 26619

LA-Cuba  
Econ  
Nov 64

269,500

The

Interaction With the Surface of Nuclei Containing a  
Nucleon in Excess of a Closed Shell, by V. N.

~~Guman~~, 5 ppl

RUSSIAN, per, Zhur Eksper i Teoret Fiz, Vol XLI,  
No 3, 1961, pp 300-305.

AIP

Sov Phys - JETP

Vol XIV, No 3

201,720

Sci

Jun 62

Pairing Forces and Pair Correlations in the  
Pb<sup>206</sup> Nucleus, by V. N. Guman, L. A. Sliv,  
G. A. Sogomonova, 8 pp.

RUSSIAN, per, Zhur Eksper i Teoret Fiz,  
Vol XL, No 1, 1961, pp 341-351.

AIP  
Sov Phys - JETP  
Vol XIII, No 1

Sci  
Aug 61

167, 207

(44-1377)  
Early Care of Therapeutic-Diagnostic  
Work in the Military Hospitals by  
V. Gumenov

RUSSIAN. no per. Voenno Med. Akad. M.  
Moscow, Feb 1961, pp 15-16

US APR 28 1963

Sci

May 61

15 1, 1963

Hydrogenation of Cottonseed Oil With Combined Hydrogen,  
by D. V. Sokolsky, R. Z. ~~Gamarova~~, 4 pp.

RUSSIAN, thrice per, Dok Ak Nauk SSSR, Vol CXI, No 3,  
Nov/Dec 1956, pp 609-611.

Consultants Bureau

Sci - Chem

56,692

Dec 57

Automation in the Coal and Ore Mining  
Industries, by M. N. Gumanuk, ED. 209 p.  
RUSSIAN, bk, Avtomatizatsiya v Ugolnoi i  
Gornorudnoi Promyshlennosti, Kiev, 1961.  
CPSTI TT-64-11088

*M. N. Gumanuk*

Sci-E Sci  
Jul 66

305,579

Automation in the Coal and Ore Mining  
Industries, by N. N. Gumenyuk, 200 pp.  
RUSSIAN, bk. Automatizatsiya v Ugol'noi i  
Gornorudnoi Promyshlennosti, Kiev, 1961,  
CPSTI TT-64-11018

64

*Gumenyuk, N. N.*

Sci - M/M  
Aug 66

308,358

Gumatudinov, Sh. K.  
THE MECHANISM OF DETERGENT ACTION OF  
WATERS OF VARIOUS COMPOSITIONS IN DISPLAC-  
ING PETROLEUM FROM A POROUS MEDIUM.  
[1963] 7p.  
Order from ATS \$10.75

ATB-12Q67R

Trans. of Neft[yano] Khim[yatvo] (USSR) 1962,  
v. 40, no. 10, p. 43-48.

DESCRIPTORS: "Petroleum, Porous materials, Dis-  
placement reactions, Water, Mining engineering,  
Detergents.

(Earth Sciences--Geology. TT, v. 9, no. 12)

63-12844

I. Gumatudinov, Sh. K.  
II. ATS-12Q67R  
III. Associated Technical  
Services, Inc.,  
East Orange, N. J.

4340221

Office of Technical Services



Elementary Derivation of the Moments for the  
Series of Recurrences, by E. J. Gumbel, 1029  
Ann. Mat. Stat., ~~1954~~, vol. 6, no. 2, pp. 151-153  
1954 15-61-16035

*E. J. Gumbel*

Sci - Math  
July 67

330,858

(FID 28776)

Telegraph and Telephone Linemen, by A. N.  
Gumelya, Ye. V. Kirollov, N. V. Lushkinovich,  
252 pp.

RUSSIAN, bk, Nadsmotrashchik Mezhdunogorodnykh  
Telegrafno-Telefonnykh Liniy Svyazi, Moscow, 1955,  
pp 61-255.

CIA/FID U-8988

USSR

Econ - Communications

41,286

Emission of Negative Ions From Metallic Surfaces  
Bombarded With Positive Hydrogen Ions, by I. M.  
Mitropan, V. S. Gumeniuk, 7 pp.

RUSSIAN, no per, Zhur Eksper, 1 Teoret Fiz, Vol  
XXXII, No 2, pp 214-

*Sept 1957*

Amer Inst of Phys  
Soviet Phys, JETP  
Vol V, No 2

Sci - Phys  
Oct 57

*53, 825*

Laboratory Method of Diagnosis of Infective  
Hepatitis by Determination of the Aldolase Activity,  
by A. E. Gumenik, N. E. <sup>A</sup>Rulevich, 3 pp.

RUSSIAN, per, Voprosy Virusologiy, Vol II, No 5,  
1957, pp 284-284.

Pergamon Inst

Sci - Med  
Nov 58

77,140

Characteristic Peculiarities of Detection and  
Location of Sea Targets With the Use of Radar  
Sight, by S. A. Gumenok, 6 pp. UNCLASSIFIED

RUSSIAN, no per, Vest Voz Flot, No 6, 1956,  
pp 26-30, Encl to IR 1073-58, AFCH-1A1.

AF 1156893

60,081

USSR

Mil -

Sci - Electronics, radar

Mar 58

V  
A. Lengthening the Period of Service of Shoes  
by Means of a New Method of Constructing the  
Last, by Yu. P. Zybin, D. A. Sinsyuk, M. G. Gruver;  
B. An Analysis of the Quality of the Technological  
Process Used in Sewing Boot Uppers on Sewing  
Machines, by N. A. Gumenyiy, R. H. Drevilo, 10 pp,  
(ID 1274776) UNCLASSIFIED

RUSSIAN, no per, Leg Prom, No 5, 1954, Moscow,  
pp 18, 19, 30-33.

24,998

G-2, GSUSA G-4603

USSR  
Economic -

Jun 55 CTS

On Automatization of Determinating of the Soil  
and Ground Moisture, by B. M. Gumenskiy.

RUSSIAN, per, Pochvovedenie, No 4, 1955,  
pp 85-89.

CSIRO

Sci - Chem  
Apr 62

190,461

The Thixotropy of Soils and the Vibrational  
Method, by B. M. Gumenisky, 4 pp.

RUSSIAN, per, Kolloid Zhur, Vol XVI, No 6,  
Nov-Dec 1954, pp 421-424. ~~SECRET~~ CIA D 151336

24,464

~~SECRET~~  
Consultants Bureau

Scientific - Chemistry

Jun 55 OTS/DEX



Dehydration of Clays of Different Mineralogical  
Composition in an Electric Field, by B. M.  
Lamensky, 5 pp.

RUSSIAN, bimoper, Kolloid Zhur, Vol XV, No 3,  
1953, pp 178-182.

Consultants Bureau

Scientific - Chemistry CTS/DEX

17.590

Gumenski, B. M. and Komarov, N. S.  
SOIL DRILLING BY VIBRATION. Oct 61, approx. 80p.  
Order from CB \$12.50

Trans. of mono. [Vibrobruenie Gruntov, Moscow,  
1959, 132p.].

DESCRIPTORS: \*Soils, Geology, \*Drilling machines,  
\*Vibration.

(Earth Sciences--Geology, TT, v. 6, no. 12)

61-25547

I. Gumenski, B. M.  
II. Komarov, N. S.  
III. Consultants Bureau  
Enterprises, Inc.,  
New York

Office of Technical Services

Soil Drilling by Vibration, by G. M. Gzinski.

RUSSIAN, bk, Vibrooburenie Grantov, 1959, 80 pp

CB  
~~\*JTB~~

Jun 61

NLL (L...)

Effect of Temperature on Light Absorption in Thin  
and Extra-Thin Layers of Silver, by A. G. Gumenyuk.

RUSSIAN, thrice-mo per, Dok Ak Nauk SSSR, Vol XCI,  
No 4, 1953, p 783. CIA 900 73 73

NSF Tr 171

\*FT-615

USSR

Scientific - Physics

Jan 54 CTS

8928

Notes to Professor D. Ye. Rozenblyum's Paper:  
Fundamental Problems in Physiology of Acceleration,  
~~Excerpt~~ by K. M. Shalay, A. S. Gusenyuk, M. N.  
Spektor, 2 pp.

RUSSIAN, no per, Voenno-Med Zhur, No 5, p 91,  
May 1956, Encl to IR 1407-57, AFOIN-1A1.

AF 1104152 (2)

Sci - Med  
USSR - Mil  
Jun 57

48,682

Accommodation in peripheral motor neurons due  
to proprioceptor impulses, by I.G. Gumenyuk,  
3 pp.

RUSSIAN, per, Byul Eksper Biol i Med, Vol 43,  
No5, 1957, pp. 25-27.

Consultants Bureau

Sci - Med

Jun 58

65, 085

(NY-5596)

Comparative Study of Changes in the Smaller Arteries  
in Various Forms of Experimental Hypertension, by  
L. I. Gumenyuk, 14 pp.

RUSSIAN, per, Arkhiv Patolog, Vol XXII, No 11,  
1960, pp 68-72.

JPRS 7715

Sci - Med

Mar 61.

SLA; 61-21642 142,084

The Hydrates of Chromium Chloride, by A. V.  
Pamfilov, N. N. Gumenyuk, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No 7, Jul 1953, USSR, pp 1065-1067.

Consultants Bureau

Scientific - Chemistry

CTS/DEX

19,427



Calculations of the Coordinated Conversion of the  
Energy Released by Thin-Walled Composites by  
V. M. S. Gerasimov, 7 pp.

1.8.1.1.1. per, Prikladna Mekh, Vol 40, No 1,  
1983, pp 110-112. 9679812

FID-TP-62-1624

1.8.1.1.1.

Determination of the Heat and Electric ~~CONDUCTIVITY~~  
Conductivity of Metals at Temperatures in Excess of  
1000°C, by V. S. Gumenyuk, V. E. Ivanov, 5 pp.

RUSSIAN, per, Pribery i Tekh Eksper, No 1, 1962,  
pp 185-188.

ISA

Sci

Nov 62

216,387

Extension of the Application Range of a High-Frequency Oscillator Type LGZ-10, by V. M. Azhazha, V. S. Gumenyuk, B. E. Popov, 3 pp.

RUSSIAN, per, Priroda; Tekh Eksp, No 1, 1960, pp 102-103.

ISIA

140,529

Sci

Mar 61

Electric Conductivity of Iron at Elevated Temperatures,  
by V. S. Gumanyuk, V. V. Lebedev, 4 pp

RUSSIAN, ber, Fiz Metal i Metallov, Vol VIII, No 6, 1959  
pp 847-850

PP

Sci-  
Feb 61

*140, 192*

Investigating Heat-and Electro-Conduction of  
Tungsten and Graphite at High Temperatures,  
by V. S. Gumenyuk, V. V. Lebedev, 7 pp.

RUSSIAN, per, Fizika Metallov i Metallovedeniye,  
Vol II, No 1, Jan 1961, pp 29-33. 9671005

FTD MCL-1165/1 + 2

Sci - Physics

Sep 61

169, 310

67  
Welding of Nichrome by Vacuum Arc and Electron  
Beam Melting, by Ye. I. ~~Iskender~~ Ye. P. Gumenyuk.  
6 pp.  
RUSSIAN, per, Avtomati Stanka, No 1, 1964,  
pp 25-27.  
JPRS 24321

Sci - M/M  
May 64

259, 144

(FDD 25156)

The Scientific Council for the Economic Faculty  
Discusses the Resolutions of the September Plenum  
of the Central Committee of the Communist Party,  
by E. Rudenko, R. Gumerov, 9 pp.

RUSSIAN, no per, Vest Moskov U Ser Obshch Nauk,  
No 11, Moscow, Nov 1953, pp 152-154.

CIA/FDD/U-7204

USSR  
Economic -  
CTB 71/Aug 55

27,743

Removal of Rust and Scale From Steam Generators,  
by E. Seyb, Garmersbach, 10 pp.

GERMAN, per, Brennstoff-Warme-Kraft,  
Vol XII, No 1, 1960, pp 9-13. 9091163

AEC Tr-5172

Sci - Engr  
Sep 62

211,316



Gumilev, L. N.  
KHAZARIA AND THE CASPIAN (LANDSCAPE AND  
ETHNOS, PT. I. Jun 64, 15p 17refs.  
Order from ACS \$1.00 in Soviet Geography; Review and  
Translations, v. 5, no. 6, p. 54-68

Trans. from Leningrad U. Vestnik (USSR) 1964 [v. 19]  
no. 6 [Seriya Geologii i Geografii] no. 1.

(Earth Sciences--Geography, TT, v. 12, no. 7)

TT-64-154-6 (p. 54-68)

I. Gumilev, L. N.  
II. American Geographical  
Society, New York

1074521

Influence of Ultrasonics Upon Schizosaccharomyces  
Acidovoratus, by M. P. Gnutenko, L. V. Shtromberger,  
L. G. Gumilevskaya.

RUSSIAN, per, Mikrobiologiya, Vol XXV, No 5, 1956,  
pp 566-568. CIA 9018806

USDA

Sci - Med

May 58

64,357

Changes in Nucleic Acids in the Course of Metamorphosis in the Silkworm, by N. M. Sisakyan, N. A. Gamilovskaya, 6 pp.

RUSSIAN, per, Biokhimiya, Vol XXI, No 6, 1956, pp 810-815.

Consultants Bureau

Sci - Med

Apr 58

61, 858

Micro-Structure of the Surface of Boules of  
Synthetic Corundum, by A. A. Gumilevskiy.

RUSSIAN, per, Zapiski Vsesoyuznogo Mineralog  
Obshch, No 6, 1957, pp 731-735.

DSIR LEO RIS 1460

Sci - Min/Met

122,512

Aug 60

The Development of Soviet Railroads, 51 pp.

RESTRICTED, by Lev Gumilevskiy

RUSSIAN, bk, Zheleznaya Doroga. Transzheldorizdat.  
Moscow, 1950, pp 186-196, 301-328.

CIA/FDD/U-226C

USSR

Economic - Railroad Equipment

A 37.57

The Comparative Effect of Adrenalin, Sympatol,  
Mesaton and Ephedrine on the Blood Pressure,  
Pulse Rate and Respiration Rate in Dogs, by  
V. P. Gumilevskiy, 3 pp.

RUSSIAN, per, Farmakol i Toksikol, Vol XXI,  
No 5, 1958, pp 16-18.

Consultants Bureau

Sci - Med  
Jun 59

89,304

The Nucleotide Composition of the Nucleic Acids  
of the Mulberry Silk Worm (*Bombyx Mori L.*), by  
N. M. Rishkyan, N. A. Gendlyukova, 3 pp.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol CXXIV, No 5,  
1979, pp 1194-1196.

Annex Part of Biol Sci

Sci - Biol

Sep 79

96,054

The Use of Preparation of Soviet Manufacture for the  
Preparation of Medium No 199 and Lepine Media, by  
R. N. Etingof, I. I. Gumina, M. K. Khanina, 4 pp.

RUSSIAN, per, Voprosy Virusologii, Vol. IV, No 6,  
1959, pp 746-750.

PF

Sci  
Oct 60

128,534



Studies on the Crabtree Effect. II. Factors  
Inhibiting and Enhancing the Crabtree Effect  
in Human Neoplastic HeLa Cells, by Maria  
Guminska, 8 pp.

POLISH, per, Acta Biochimica Polonica, Vol IX,  
No 3, 1962. 9068463

OTS 62-11051-3

220353

Jan 63

Studies on the Crabtree Effect. I. Gaseous  
Metabolism of Tissue Cultures, by Maria Guminska,  
J. Borysiewicz, 12 pp.

POLISH, per, Acta Biochimica Polonica, Vol IX, No 2,  
1962,

OTS 62-11051-2  
PL-480

Sci

Sep 62

210,055

Rate of Renewal of Protein and Chlorophyll in  
Higher Plants, by F. V. Turchin, M. A. Gemin-  
skaya, Ye. G. Plyshevskaya, 31 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Ser Biol, No 6,  
1953, pp 66-78.

WIK 3-20

Sci - Biol

Apr 59

85,447

A Study of Nitrogen Nutrition and Nitrogen Metabolism in Plants by Means of the  $N^{15}$  Isotope, by F. V. Turchin, M. A. Guminakaya, E. G. Plyshevskaya, 19 pp.

Full translation.

RUSSIAN, bk, Conference of the Academy of Sciences of the USSR on the Peaceful Uses of Atomic Energy, 1-5 Jul 1955, Sessions of the Div of Biological Science,

35, 362

GPO

~~Consultants Bureau~~  
~~259 West 14th St,~~  
~~New York 11, N.Y.~~

Sci - Nuclear Physics  
\*87 rpts for \$350.00

*Biology*

Navigator Protection of Ground Forces by  
Fighter Aviation, by Z. Guminski, 6 pp.

POLISH, per, Wojskowy Przegląd Lotniczy,  
No 1, 1962, pp 13-16. 9680142

FTD-FT-62-1704

SEKXMXZ  
EEur-Mil  
Apr 63

226,690

The Guiding of Aircraft Under Radar-Jamming  
Conditions, by Z. Guminski, 23 pp.

POLISH, per, Naprowadzanie Samolotow W  
Warunkach Zaktocen Radiolokacyjnych,  
No 6, 1962, pp 20-30. 9680261

FTD-TT-62-1879

Sci-Electronics  
Apr 63

226,752

COMPENSATIONS FOR ALTITUDE IN NAVIGATIONAL  
CALCULATIONS DURING FLIGHT, BY Z. GUMINSKI,  
9 PP.

POLISH, PER, WOJSKOWY PRZEGLAD LOTNICZY, NO 8,  
1962, PP 17-26.

JPRS 16276

EEUR - POLAND

MIL

NOV 62

219,726

Guiding Planes During Radar Disturbances, by  
Z. Guminski, 15 pp.

POLISH, per, Wojskowy Przegląd Lotniczy,  
Vol XVI, No 6, 1962, pp 20-30.

JPRS 15285

EE-Poland  
MLL

*212, 727*

Oct 62



Practical Training of Navigators -  
Operators, by Z. Guminski, 13 pp.

POLISH, per, Wojakowy Przegląd Lotniczy,  
Vol XIV, No 3, 1961, pp 7-15. 9671157

FTD NCL-1268/1

EBur - Poland

171, 448

MIL

23 Oct 61

Material With a High Initial Permeability Rept,  
II., by E. Gumlich, W. Steinhaus, 4 p.

GERMAN, per, Physikalisch-Technische Reichsanstalt  
Wissenschaftliche Abhandlungen, 1930, Vol XIV,  
No 1, pp 261-265.

SLA 60-10436

Sci  
Apr 60  
Vol III, No 3

112,059

TT-63-20741

Gumlich, Walter and Klein, Wilhelm.PROCESS FOR THE SUBSTITUTING CHLORINATION  
OF ORGANIC COMPOUNDS. [1963] 8p

Order from OTS, SLA, or ETC \$1.10 TT-63-20741

I. Gumlich, W.

II. Klein, W.

III. SLA-AL-855

Trans. of unidentified German patent, 8 Oct 63, file  
no. C 5534. 12 o, 27, presented 14 Mar 52, announced  
8 Oct 53, objection until 8 Feb 54, by Hüls Chemical  
Works Ltd. (G.m.b.H.). (Abstract available)  
Another trans. is available from SLA as AL-855, 17p.

DESCRIPTORS: Organic compounds, \*Chlorination,  
Substitution reactions, \*Catalysts, \*Azo radicals,  
Nitriles, Guanidines, \*Carbazoles,

The invention concerns a process for the substituting  
chlorination of organic compounds in liquid phase and in  
presence of azo compounds as catalysts, characterized  
by the fact that in the chlorination one uses as catalysts  
(Chemistry--Organic, TT, v. 11, no. 4) (over)

Office of Technical Services

Gumlich, Walter and Klein, Wilhelm.  
PROCESS FOR THE CHLORINATION OF ORGANIC  
COMPOUNDS. [1963] 8p  
Order from OTS, SLA, or ETC \$1.10 TT-63-20737

Trans. of unidentified German patent, 8 Oct 53,  
order no. 10307/53, file no. C 5485. 12 o, 27,  
presented 3 Mar 52, objection until 8 Feb 54, by  
Hills Chemical Works Ltd. (G. m. b. H.).  
(Abstract available)

DESCRIPTORS: \*Organic compounds, \*Chlorination,  
Catalysts, Light.

The invention involves a process for the chlorination of  
organic compounds in liquid phase and in presence of  
catalysts, characterized by the fact that one uses in  
the chlorination as catalysts hydrazo compounds of the  
general formula  $R-NH-NH-R'$  in which R and R' denote  
the same or different aliphatic, cycloaliphatic, or  
(Chemistry--Organic, TT, v. 11, no. 3) (over)

TT-63-20737

I. Gumlich, W.  
II. Klein, W.

922

Office of Technical Services

Process for the Substituting Chlorination of  
Organic Compounds, by Walter Gumlich, Wilhelm  
Clein, 17 pp.

BERMAN, German Patent application C 5534, cl 120,  
gr 27 filed 14 MAR. 52, pub. 8 Oct. 53.  
S.L.A.

Scientific - Chemistry  
JTB 70/Jul 55

25,189

MAUREE, E.  
GUMMET, G.

Stahl Und Eisen, vol. 54, 28 figures, 7 tables,  
11100 words; 1934.

Structure and Mechanical Properties of Large  
Forgings.

Brutcher Trans, Order No. 227, \$ 11.10.

A-3760

Contributions of German Steelworks to the  
Development of Heavy Forgings, by H. Gummert.

GERMAN, per, Stahl und Eisen, Vol LXXX, 27 Oct  
1960, pp 1517-1524.

BISI 2076

Sci - Min/Met

Jun 61

154, 346

1  
Commenting of Oil Wells in Rock Salt Strata  
by J. Gmalienski, S. Gierlowski,  
9 pp.

ROTHEN, Jan, Nafta, Vol XV, No 11,  
1959: pp 302-308.

ATG-6841P

Sci.  
Vol. IV, No 11  
Jan 58

199, 268



Ash and Slag, by W. Guss.

GERMAN, per, ~~XXXXX~~ Brennstoff Werke-Kraft, Vol XI,  
Apr 1959, pp 178, 179.

Dept of Interior  
Tr No 1742

~~XXXXX~~  
Sci

Jan 63

The Theoretical Aspects of Bonded Deposit, by  
W. Guss, et al.

GERMAN, rpt, Schlackenkunde, Chapt IX.

Dept of Interior  
Tr No 17389

Sci

Jan 63

( ).

Allen Dulles and the American Intelligence Service,  
by Nerin E. Gun, 9 pp.

GERMAN, magazine.

CIA FDD/X 4405

EEur-Germany

Biographic

16 Aug 60

Limits for the Characteristic Roots of a  
Matrix, by G. Gun, 7 pp.

CHINESE, per, Acta Mathematica Sinica, Vol X,  
No 2, 1960.

Amer Math Soc

Sci

Jan 63

220,504

The Accuracy of Assessing the Formability of a Tube  
Given by the Flattening Test, by Yu. A. BRONIKOV, G.  
N. GUN, 4 pp.

RUSSIAN, per, Zavod. Izh, Vol XXVI, No 6, 1960,  
pp 750-753.

IEA

Sci  
Apr 61

148, 185

Chemistry and Refining of Petroleum and Gas, by  
R. B. Gun, 10 pp. Reconstruction of the Winkler Koch  
Cracking Unit  
Full translation.

RUSSIAN, no par, Neft Khaz, USSR, 1951, pp 41-48.

AFID F-45-8009

Scientific - Chemistry, petroleum, gas, fuels

Feb 53 GRB

GRB 1112457

A 3/61

RECEIVED FROM THE LARGE SCALE CHEMISTRY,  
NO. 1, 1962, 1963,  
RECEIVED FROM THE LARGE SCALE CHEMISTRY, NO. 17, Nov 23, 1962,  
NO. 1, 1962, 1963,  
FTD-71-464-195

52

NO. 1, 1962, 1963,  
Page 18

212,846

Chemical Weeding of Cereals, by I. Gumar, M. Berezovskii.

RUSSIAN, Kolkhoz Proizvodstvo, Vol. XI, No 4,  
Apr 1951, pp 23-25. 281.8 KB3

USDA Transl 261

USSR  
Economic - Agriculture, herbicides  
Scientific - Biology, herbicides

534



Effect of 2,4-Dichlorophenoxy Acetic Acid on Sun-  
flower Metabolism at Different Temperatures, by  
I. Gumar, E. E. Krastina, K. A. Briushkova.

RUSSIAN, per, Dok Ak Nauk SSSR, Vol LXXXIV, 1 May  
1952, pp 173-176. 511 P444 A

USDA Trans 308

SSR

onomic - Agriculture,

cientific - Biology, acetic acid, metabolism

476

(FDD 18290)

Chemical Methods of N Weed Control, by I. I. Gumar,  
M. Ia. Berezovskiy, 152 pp.

RUSSIAN, bk, Khimicheskiye Sredstva Bob'by  
s Sornyal'm, Moscow, 1952, pp 2-142.

CIA/FDD/U-5426

USSR

Sci - Chem

Feb 5'

10,356

Electrophysiological Characterization of  
 Irritability of Plants. Report 2. Mechanisms  
 of Responsive Reactions of Plants to Electrical  
 Irritations, by I. I. GIBBYAL, G. N. GIBBYAL,  
 L. Ya. BILINA, L. A. TIKHONOVA.

RUSSIAN, per. Iz Zhiviyevskoye Sel'skoye Ak,  
 Vol XXXIX, No 2, 1961, pp 7-10. 9096007

9  
 USDATE 1961

Sol - BRG1

184, 444

Feb 62

B-Dicarbonyl Compounds. XIV. Synthesis, Conversions,  
and Biological Activity of Derivatives of 2-(3'-Methyl-  
2'-butenyl)-dihydroresorcinol, by V. I. Gunar, S. I.  
Zav'yakov, 9 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXXI, No 12,  
1961, pp 3975-3984.

CB

Sci

214,854

Oct 62

Acetylene Derivatives. 193. Total Synthesis of  
Isoprenoid Alcohols (Linalool, Geraniol Nerol,  
Nerolidol, Farnesol, Geranylinalool, Geranyl-  
Geraniol and Phytol), by I. N. Nazarov, B. P.  
Gusev, V. I. Gunar, 13 pp.

RUSSIAN, per, Zhur Obshchei Khim, Vol XXVIII,  
No 6, 1958, pp 1444-1457.

Consultants Bureau

45, 758

Sci - Chem  
Sep 59

Synthesis of Some Chlorophenoxy Derivatives, by  
B. P. Mamasov, N. N. Suvorov, V. I. Gunar, 3 pp.

RUSSIAN, no per, Zhur Obshch Khim, Vol XXIII,  
No 7, Jul 1953, USSR, pp 1206-1208.

Consultants Bureau

Scientific - Chemistry

CTB/DEX

19,395

Chemistry of 1,3-Cyclohexanedione. Communication  
4. Synthesis and Bacteriostatic Activity of  
1,3-Cyclohexanedione Derivatives Containing Long  
Aliphatic Chains, by S. I. Zav'yalov, V. I.  
Gunar, G. N. Pershin, 5 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 7, 1960, pp 1241-1245.

CB

165,855

Sci  
Sep 61

Chemistry of Dihydroresorcinol. VIII. Synthesis  
Based on 2-(3-Methyl-2-butenyl)-dihydroresorcinol,  
by V. I. Gunar, S. I. Zav'yalov, 5 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXX, No 11,  
1960, pp 3658-3662.

CB

Sci

177, 972

Oct 61



Chemistry of Dihydroreserpinol. Communication  
6. A New Method for the Synthesis of  
Phenanthrene Derivatives From Dihydroreserpinol.  
by S. I. Zav'yalov, V. I. Gumar, L. F. Kudryav-  
tseva, 4 pp.

RUSSIAN, per, Iz Ak Nauk SSSR, Otdel Khim  
Nauk, No 11, 1960, pp 2009-2013.

CB

Sci  
May 62

194,433

Synthesis and Anthelmintic Action of 1,3-  
Cyclohexanedione Derivatives Containing Branched  
Aliphatic Chains, by V. I. Gunar, S. I. Zav'yakov,  
A. I. Krotov, 1 p.

RUSSIAN, per Iz Ak Nauk SSSR, Otdel Khim Nauk,  
No 2, 1959, pp 353.

Consultants Bureau

Sci - Chem

Apr 60

113,230